IEEE Xplore RELEASE 2.3

Welcome United States Patent and Trademark Office

Results for "(model???? <near/4> information quality) <in> pdfdata" e-mail printer friendly
Your search matched 1 of 1521373 documents.
A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

Modify Search

(model???? <near/4> information quality) <in> pdfdata Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **Modelling and using imperfect context information**
Henricksen, K.; Indulska, J.;
Pervasive Computing and Communications Workshops, 2004. Proceedings of the Second IEEE Annual Conference on
14-17 March 2004 Page(s):33 - 37
Digital Object Identifier 10.1109/PERCOMW.2004.1276901
AbstractPlus | Full Text: PDF(284 KB) IEEE CNF
Rights and Permissions

© Copyright 2006 IEEE – All Rights Reserved

Indexed by Inspec

IEEE Xplore RELEASE 2.3

Home | Login | Logout | Access Information | Alerts | Sitemap | Help

Welcome United States Patent and Trademark Office

Search Results BROWSE SEARCH IEEE XPLORE GUIDE SUPPORT

Results for "(model???? <near/4> 'data quality') <in> pdfdata" e-mail printer friendly
Your search matched 6 of 1521373 documents.
A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

Modify Search

(model???? <near/4> 'data quality') <in> pdfdata Search

Check to search only within this results set

» Key

Display Format: Citation Citation & Abstract

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **CALDEA: a data quality model based on maturity levels**
Caballero, I.; Piattini, M.:
Quality Software, 2003. Proceedings. Third International Conference on
6-7 Nov. 2003 Page(s):380 - 387
Digital Object Identifier 10.1109/QSIC.2003.1319125
AbstractPlus | Full Text: PDF(274 KB) IEEE CNF
Rights and Permissions

2. **Software cost estimation with incomplete data**
Strike, K.; El Emam, K.; Madhavji, N.;
Software Engineering, IEEE Transactions on
Volume 27, Issue 10, Oct. 2001 Page(s):890 - 908
Digital Object Identifier 10.1109/32.962560
AbstractPlus | References | Full Text: PDF(590 KB) IEEE JNL
Rights and Permissions

3. **2006 Index**
Power Delivery, IEEE Transactions on
Volume 21, Issue 4, Oct. 2006 Page(s):2095 - 2124
Digital Object Identifier 10.1109/TPWRD.2006.884875
AbstractPlus | Full Text: PDF(360 KB) IEEE JNL
Rights and Permissions

4. **Table of contents**
Power Delivery, IEEE Transactions on
Volume 21, Issue 3, July 2006 Page(s).c1 - 1027
Digital Object Identifier 10.1109/TPWRD.2006.879165
Full Text: PDF(61 KB) IEEE JNL
Rights and Permissions

5. **Transformer thermal modeling: improving reliability using data quality control**
Tylavsky, D.J.; Xiaolin Mao; McCulla, G.A.;
Power Delivery, IEEE Transactions on
Volume 21, Issue 3, July 2006 Page(s):1357 - 1366
Digital Object Identifier 10.1109/TPWRD.2005.864039
AbstractPlus | Full Text: PDF(1672 KB) IEEE JNL
Rights and Permissions

6. **Editorial: TKDE Topic Area Revisions**
Xindong Wu; Faloutsos, C.;
Knowledge and Data Engineering, IEEE Transactions on

Results for "('data quality' <and> model???? <and> task <and> maturity) <in> pdfdata" e-mail printer friendly
Your search matched 5 of 1521373 documents.
A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

Modify Search

('data quality' <and> model???? <and> task <and> maturity) <in> pdfdata Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **Data Warehousing Process Maturity: An Exploratory Study of Factors Influencing User Perceptions**
Sen, A.; Sinha, A.P.; Ramamurthy, K.;
Engineering Management, IEEE Transactions on
Volume 53, Issue 3, Aug. 2006 Page(s):440 - 455
Digital Object Identifier 10.1109/TEM.2006.877460
AbstractPlus | Full Text: PDF(744 KB) IEEE JNL
Rights and Permissions

2. **European Microwave Week 2005 - Book of Abstracts**
Radar Conference, 2005. EURAD 2005. European
6-7 Oct. 2005 Page(s):0_2 - 1_208
Digital Object Identifier 10.1109/EURAD.2005.1605539
AbstractPlus | Full Text: PDF(4231 KB) IEEE CNF
Rights and Permissions

3. **European Microwave Week 2005**
Gallium Arsenide and Other Semiconductor Application Symposium, 2005. EGAAS 2005. European
3-4 Oct. 2005 Page(s):0_2 - 1_208
AbstractPlus | Full Text: PDF(4231 KB) IEEE CNF
Rights and Permissions

4. **IEEE trial-use recommended practice for distributed interactive simulation - verification, validation, and accreditation**
20 July 1998
AbstractPlus | Full Text: PDF(1164 KB) IEEE STD

5. **The integrated mission design center (imdc) at nasa goddard space flight center**
Karpati, G.; Martin, J.; Steiner, M.; Reinhardt, K.;
Aerospace Conference, 2003. Proceedings. 2003 IEEE
Volume 8, March 8-15, 2003 Page(s):8_3657 - 8_3667
AbstractPlus | Full Text: PDF(818 KB) IEEE CNF
Rights and Permissions

Copyright 2006 IEEE - All Rights Reserved

Powered by Inspec

PORTAL USPTO
Subscribe (Full Service) Register (Limited Service, Free) Login
Search: The ACM Digital Library The Guide
+"data quality" +maturity
THE ACM DIGITAL LIBRARY
Feedback Report a problem Satisfaction survey

Published before October 2003
Terms used **data quality maturity**

Found **14** of **147,137**

Sort results by relevance
Display results expanded form
Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 14 of 14

Relevance scale

1 Posters and Short Papers: A practical approach for modeling the quality of multimedia data
Kwan-Sang Na, Doo-Kwon Baik, Pan-Koo Kim
October 2001 **Proceedings of the ninth ACM international conference on Multimedia MULTIMEDIA '01**
Publisher: ACM Press
Full text available: pdf(560.17 KB) Additional Information: full citation, abstract, references, index terms

One of the most important objectives of data engineering is to deliver high quality data to users. In this paper, we (1) discuss the definition, problems and improvements methods of data qwuality, and (2) propose a modeling methodology for improving the multimedia data quality. And then, we introduce the method for improving the quality of semantic data using the proposed methodology. In this example, we propose to measure and remove the data ambiguities for improving the data quality.

Keywords: conceptual modeling, data quality, quality metric, semantic/syntactic quality modeling

2 Investigating data quality problems in the PSP
Anne M. Disney, Philip M. Johnson
November 1998 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 6th ACM SIGSOFT international symposium on Foundations of software engineering SIGSOFT '98/FSE-6**, Volume 23 Issue 6
Publisher: ACM Press
Full text available: pdf(1.20 MB) Additional Information: full citation, abstract, references, citings, index terms

The Personal Software Process (PSP) is used by software engineers to gather and analyze data about their work. Published studies typically use data collected using the PSP to draw quantitative conclusions about its impact upon programmer behavior and product quality. However, our experience using PSP in both industrial and academic settings revealed problems both in collection of data and its later analysis. We hypothesized that these two kinds of data quality problems could make a significant i ...

Keywords: automated process support, defects, empirical software engineering, measurement dysfunction, personal software process

3 Data base systems for small business: miracle or mirage?
Izak Benbasat, Robert C. Goldstein

July 1977 **ACM SIGMIS Database**, Volume 9 Issue 1
Publisher: ACM Press
Full text available: pdf(498.25 KB) Additional Information: full citation, abstract, references

A number of generalized data base management systems (DBMS) have recently been introduced that are designed to run on minicomputers. Since a DBMS is normally considered to be a very large, complex piece of software, the very existence of these programs represents an impressive accomplishment of software engineering. The purpose of this article is to analyze some implications of this development.

4 The state of software engineering practice
Watts S. Humphrey, David H. Kitson, Tim C. Kasse
May 1989 **Proceedings of the 11th international conference on Software engineering ICSE '89**
Publisher: ACM Press
Full text available: pdf(1.20 MB) Additional Information: full citation, references, citings, index terms

5 TIGRA — an architectural style for enterprise application integration
Wolfgang Emmerich, Ernst Ellmer, Henry Fieglein
July 2001 **Proceedings of the 23rd International Conference on Software Engineering ICSE '01**
Publisher: IEEE Computer Society
Full text available: pdf(137.99 KB) Additional Information: full citation, abstract, references, citings, index terms
Publisher Site

We report on experience that we made in the Trading room InteGRation Architecture project (TIGRA) at a large German bank. TIGRA developed a distributed system architecture for integrating different financial front-office trading systems with middle- and back-office applications. We generalize the experience by proposing an architectural style that can be re-used for similar enterprise application integration tasks. The TIGRA style is based on a separation of data representation using domain-s ...

6 Project LEAP: personal process improvement for the differently disciplined
Carleton A. Moore
May 1999 **Proceedings of the 21st international conference on Software engineering ICSE '99**
Publisher: IEEE Computer Society Press
Full text available: pdf(239.40 KB) Additional Information: full citation, references, citings, index terms

7 Database component ware
Bernhard Thalheim
January 2003 **Proceedings of the 14th Australasian database conference - Volume 17 ADC '03**
Publisher: Australian Computer Society, Inc.
Full text available: pdf(301.28 KB) Additional Information: full citation, abstract, references, citings, index terms

Database modeling is still a job of an artisan. Due to this approach database schemata evolve by growth without any evolution plan. Finally, they cannot be examined, surveyed, consistently extended or analyzed. Querying and maintenance become very difficult. Distribution of database fragments becomes a performance bottleneck. Currently, databases evolve to huge databases. Their development must be performed with the highest care.This paper aims in developing an approach to *systematic* sch ...

8 An integrative framework for IS quality management
Antonis C. Stylianou, Ram L. Kumar

September 2000 **Communications of the ACM**, Volume 43 Issue 9
Publisher: ACM Press
Full text available: pdf(174.29 KB) html(33.14 KB) Additional Information: full citation, references, citings, index terms, review

9 A methodology for certification of modeling and simulation applications

Osman Balci
October 2001 **ACM Transactions on Modeling and Computer Simulation (TOMACS)**, Volume 11 Issue 4
Publisher: ACM Press
Full text available: pdf(2.44 MB) Additional Information: full citation, abstract, references, citings, index terms

Certification of modeling and simulation (M&S) applications poses significant technical challenges for M&S program managers, engineers, and practitioners. Certification is becoming increasingly more important as M&S applications are used more and more for military training, complex system design evaluation, M&S-based acquisition, problem solving, and critical decision making. Certification, a very complex process, involves the measurement and evaluation of hundreds of qualitative and quantitativ ...

Keywords: accreditation, certification, credibility assessment, evaluation, quality assessment, validation, verification

10 Verification, validation and accreditation: Planning for verification, validation, and accreditation of modeling and simulation applications

Osman Balci, William F. Ormsby, John T. Carr, Said D. Saadi
December 2000 **Proceedings of the 32nd conference on Winter simulation WSC '00**
Publisher: Society for Computer Simulation International
Full text available: pdf(272.15 KB) Additional Information: full citation, abstract, references, citings

A comprehensive and detailed verification, validation, and accreditation (VV&A) plan and its proper execution are crucially important for the successful accreditation of a modeling and simulation (M&S) application. We provide guidance in developing and executing such a plan throughout the entire M&S application development life cycle.

11 Establishing management objectives

Richard L. Nolan
October 1981 **ACM SIGMOD Record , ACM SIGMIS Database**, Volume 12 , 12,13 Issue 2 , 4,1
Publisher: ACM Press
Full text available: pdf(1.17 MB) Additional Information: full citation

12 Energy-aware adaptation for mobile applications

Jason Flinn, M. Satyanarayanan
December 1999 **ACM SIGOPS Operating Systems Review , Proceedings of the seventeenth ACM symposium on Operating systems principles SOSP '99**, Volume 33 Issue 5
Publisher: ACM Press
Full text available: pdf(1.68 MB) Additional Information: full citation, abstract, references, citings, index terms

In this paper, we demonstrate that a collaborative relationship between the operating system and applications can be used to meet user-specified goals for battery duration. We first show how applications can dynamically modify their behavior to conserve energy. We then show how the Linux operating system can guide such adaptation to yield a battery-life of desired duration. By monitoring energy supply and demand, it is able to select the correct tradeoff between energy conservation and applicati ...

13 Creating reference architectures: an example from avionics

Don Batory, Lou Coglianese, Mark Goodwin, Steve Shafer

August 1995 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 1995 Symposium on Software reusability SSR '95**, Volume 20 Issue SI

Publisher: ACM Press

Full text available: pdf(1.08 MB) Additional Information: full citation, abstract, references, citings, index terms

ADAGE is a project to define and build a domain-specific software architecture (DSSA) environment for assisting the development of avionics software. A central concept of DSSA is the use of software system generators to implement component-based models of software synthesis in the target domain [SEI90].In this paper, we present the ADAGE component-based model (or reference architecture) for avionics software synthesis. We explain the modeling procedures used, review our initial g ...

14 Converging end-user and corporate computing

Leon A. Kappelman, John P. Thompson, Ephraim R. McLean

December 1993 **Communications of the ACM**, Volume 36 Issue 12

Publisher: ACM Press

Full text available: pdf(5.89 MB) Additional Information: full citation, references, citings, index terms

Keywords: corporate systems management, end-user computing (EUC), information technology (IT) management, office automation, personal computing, plans and policies, user support, user-developed applications

Results 1 - 14 of 14

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player

PORTAL USPTO
Subscribe (Full Service) Register (Limited Service, Free) Login
Search: The ACM Digital Library The Guide
+"information quality" +maturity
THE ACM DIGITAL LIBRARY
Feedback Report a problem Satisfaction survey

Terms used **information quality maturity** Found **12** of **198,991**

Sort results by relevance
Display results expanded form
Save results to a Binder
Search Tips
Open results in a new window
Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 12 of 12

Relevance scale

1 An automated internet resource discovery system
Kurt Lichtner
October 1994 **Proceedings of the 1994 conference of the Centre for Advanced Studies on Collaborative research CASCON '94**
Publisher: IBM Press
Full text available: pdf(155.51 KB) Additional Information: full citation, abstract, references, index terms

The last several years have witnessed the introduction of a number of resource discovery systems to the Internet. Archie, Gopher, and the World-Wide Web are common examples which have achieved widespread popularity. These systems are typically categorized as either searchers, or browsers, depending upon their approach to the information discovery problem.Both methodologies have their respective strengths and weaknesses. However, neither approach appears to be fully capable of dealing with the in ...

2 An integrative framework for IS quality management
Antonis C. Stylianou, Ram L. Kumar
September 2000 **Communications of the ACM**, Volume 43 Issue 9
Publisher: ACM Press
Full text available: pdf(174.29 KB) html(33.14 KB) Additional Information: full citation, references, citings, index terms, review

3 Information systems outsourcing: a survey and analysis of the literature
Jens Dibbern, Tim Goles, Rudy Hirschheim, Bandula Jayatilaka
November 2004 **ACM SIGMIS Database**, Volume 35 Issue 4
Publisher: ACM Press
Full text available: pdf(1.51 MB) Additional Information: full citation, abstract, references, citings

In the last fifteen years, academic research on information systems (IS) outsourcing has evolved rapidly. Indeed the field of outsourcing research has grown so fast that there has been scant opportunity for the research community to take a collective breath, and complete a global assessment of research activities to date. This paper seeks to address this need by exploring and synthesizing the academic literature on IS outsourcing. It offers a roadmap of the IS outsourcing literature, highligh ...

Keywords: determinants, literature review, outcomes, outsourcing, relationships, research approaches, theoretical foundations

4 E-government: A research on the appraisal framework of e-government project

success
Yong Hu, JingHua Xiao, JiaFeng Pang, Kang Xie
August 2005 **Proceedings of the 7th international conference on Electronic commerce ICEC '05**
Publisher: ACM Press
Full text available: pdf(373.70 KB) Additional Information: full citation, abstract, references

The appraisal of e-Government project success is significant to the healthy development of e-Government However, up till now, the appraisal framework of e-Government has been developed and studied for just a few years and is still in a nascent stage. Most of the appraisal models put forward by authoritative organizations are more suitable for the appraisal of the overall development of e-Government, and they are not directly targeted on the problems that exist in e-Government projects. Therefore ...

Keywords: appraisal framework, e-Government project success appraisal, information system, system quality, user satisfaction

5 Posters and Short Papers: A practical approach for modeling the quality of multimedia data
Kwan-Sang Na, Doo-Kwon Baik, Pan-Koo Kim
October 2001 **Proceedings of the ninth ACM international conference on Multimedia MULTIMEDIA '01**
Publisher: ACM Press
Full text available: pdf(560.17 KB) Additional Information: full citation, abstract, references, index terms

One of the most important objectives of data engineering is to deliver high quality data to users. In this paper, we (1) discuss the definition, problems and improvements methods of data qwuality, and (2) propose a modeling methodology for improving the multimedia data quality. And then, we introduce the method for improving the quality of semantic data using the proposed methodology. In this example, we propose to measure and remove the data ambiguities for improving the data quality.

Keywords: conceptual modeling, data quality, quality metric, semantic/syntactic quality modeling

6 E-government services and policy track: Measuring e-government impact: existing practices and shortcomings
Rob M. Peters, Marijn Janssen, Tom M. van Engers
March 2004 **Proceedings of the 6th international conference on Electronic commerce ICEC '04**
Publisher: ACM Press
Full text available: pdf(343.08 KB) Additional Information: full citation, abstract, references, index terms

Public administrations of all over the world invest an enormous amount of resources in e-government. How the success of e-government can be measured is often not clear. E-government involves many aspects of public administration ranging from introducing new technology to business process (re-)engineering. The measurement of the effectiveness of e-government is a complicated endeavor.In this paper current practices of e-government measurement are evaluated. A number of limitations of current meas ...

Keywords: architectures, e-government, evaluation, interoperability, law, measurement

7 Research papers: Foucault@Wiki: first steps towards a conceptual framework for the analysis of Wiki discourses
Christian Pentzold, Sebastian Seidenglanz
August 2006 **Proceedings of the 2006 international symposium on Wikis WikiSym '06**
Publisher: ACM Press

Full text available: pdf(1.35 MB) Additional Information: full citation, abstract, references, index terms

In this paper, we examine the discursive situation of Wikipedia. The primary goal is to explore principle ways of analyzing and characterizing the various forms of communicative user interaction using Foucault"s discourse theory. First, the communicative situation of Wikipedia is addressed and a list of possible forms of communication is compiled. Second, the current research on the linguistic features of Wikis, especially Wikipedia, is reviewed. Third, some key issues of Foucault"s theory are e ...

Keywords: Foucault, Wiki, Wikipedia, computer-mediated communication, discourse theory, online collaboration

8 Post implementation evaluation of computer-based information systems: current practices

Kuldeep Kumar

February 1990 **Communications of the ACM**, Volume 33 Issue 2

Publisher: ACM Press

Full text available: pdf(1.05 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Contrary to the widely-held view that post implementation evaluations are performed to assess and improve the information system and the system development practices, this study suggests that in practice, the primary reason for such evaluations seems to be project closure and not project improvement.

9 Paper session II: record linkage, entity resolution: Blocking-aware private record linkage

Ali Al-Lawati, Dongwon Lee, Patrick McDaniel

June 2005 **Proceedings of the 2nd international workshop on Information quality in information systems IQIS '05**

Publisher: ACM Press

Full text available: pdf(658.96 KB) Additional Information: full citation, abstract, references, citings

In this paper, the problem of quickly matching records (i.e., record linkage problem) from two autonomous sources without revealing privacy to the other parties is considered. In particular, our focus is to devise *secure blocking* scheme to improve the performance of record linkage significantly while being secure. Although there have been works on private record linkage, none has considered adopting the blocking framework. Therefore, our proposed blocking-aware private record linkage can ...

10 Business process simulation: a fundamental step supporting process centered management

Marc Aguilar, Tankred Rautert, Alexander J. G. Pater

December 1999 **Proceedings of the 31st conference on Winter simulation: Simulation--a bridge to the future - Volume 2 WSC '99**

Publisher: ACM Press

Full text available: pdf(298.57 KB) Additional Information: full citation, references, citings, index terms

11 Community tech: Wikifying your interface: facilitating community-based interface translation

M. Cameron Jones, Dinesh Rathi, Michael B. Twidale

June 2006 **Proceedings of the 6th ACM conference on Designing Interactive systems DIS '06**

Publisher: ACM Press

Full text available: pdf(1.07 MB) Additional Information: full citation, abstract, references, index terms

We explore the application of a wiki-based technology and style of interaction to enabling the incremental translation of a collaborative application into a number of different

languages, including variant English language interfaces better suited to the needs of particular user communities. The development work allows us to explore in more detail the design space of functionality and interfaces relating to tailoring, customization, personalization and localization, and the challenges of designi ...

Keywords: community-based technology, customization, internationalization, mash-ups, personalization, wikis

12 Data exchange in interorganizational relationships: review through multiple conceptual lenses

Wafa Elgarah, Natalia Falaleeva, Carol C. Saunders, Virginia Ilie, J. T. Shim, James. F. Courtney

February 2005 **ACM SIGMIS Database**, Volume 36 Issue 1

Publisher: ACM Press

Full text available: pdf(400.76 KB) Additional Information: full citation, abstract, references, index terms

This paper explores the theoretical underpinning of data exchange research, specifically Electronic Data Interchange (EDI), over the period from 1993 to 2002. It identifies the underlying research paradigms applied to examination of data exchange, and determines conceptual and theoretical gaps in previous research on data exchange in interorganizational relationships (IORs). Sixty-eight articles are analyzed. Results suggest a predominant concern with the outcomes realized with EDI adoption and ...

Keywords: EDI, data exchange, interorganizational relationships, research paradigms, review

Results 1 - 12 of 12

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player

PORTAL USPTO

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: The ACM Digital Library The Guide

+"data quality" +model +task +maturity database warehouse

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Published before October 2003
Terms used **data**
quality model task maturity database warehouse

Found **11** of **147,137**

Sort results by: relevance
Display results: expanded form
Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 11 of 11

Relevance scale

1 Database component ware

Bernhard Thalheim
January 2003 **Proceedings of the 14th Australasian database conference - Volume 17 ADC '03**
Publisher: Australian Computer Society, Inc.

Full text available: pdf(301.28 KB) Additional Information: full citation, abstract, references, citings, index terms

Database modeling is still a job of an artisan. Due to this approach database schemata evolve by growth without any evolution plan. Finally, they cannot be examined, surveyed, consistently extended or analyzed. Querying and maintenance become very difficult. Distribution of database fragments becomes a performance bottleneck. Currently, databases evolve to huge databases. Their development must be performed with the highest care.This paper aims in developing an approach to *systematic* sch ...

2 Investigating data quality problems in the PSP

Anne M. Disney, Philip M. Johnson
November 1998 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 6th ACM SIGSOFT international symposium on Foundations of software engineering SIGSOFT '98/FSE-6**, Volume 23 Issue 6
Publisher: ACM Press

Full text available: pdf(1.20 MB) Additional Information: full citation, abstract, references, citings, index terms

The Personal Software Process (PSP) is used by software engineers to gather and analyze data about their work. Published studies typically use data collected using the PSP to draw quantitative conclusions about its impact upon programmer behavior and product quality. However, our experience using PSP in both industrial and academic settings revealed problems both in collection of data and its later analysis. We hypothesized that these two kinds of data quality problems could make a significant i ...

Keywords: automated process support, defects, empirical software engineering, measurement dysfunction, personal software process

3 The state of software engineering practice

Watts S. Humphrey, David H. Kitson, Tim C. Kasse
May 1989 **Proceedings of the 11th international conference on Software engineering ICSE '89**
Publisher: ACM Press

Full text available: Additional Information:

pdf(1.20 MB) full citation, references, citings, index terms

4 A methodology for certification of modeling and simulation applications

Osman Balci
October 2001 **ACM Transactions on Modeling and Computer Simulation (TOMACS)**, Volume 11 Issue 4
Publisher: ACM Press

Full text available: pdf(2.44 MB) Additional Information: full citation, abstract, references, citings, index terms

Certification of modeling and simulation (M&S) applications poses significant technical challenges for M&S program managers, engineers, and practitioners. Certification is becoming increasingly more important as M&S applications are used more and more for military training, complex system design evaluation, M&S-based acquisition, problem solving, and critical decision making. Certification, a very complex process, involves the measurement and evaluation of hundreds of qualitative and quantitativ ...

Keywords: accreditation, certification, credibility assessment, evaluation, quality assessment, validation, verification

5 Creating reference architectures: an example from avionics

Don Batory, Lou Coglianese, Mark Goodwin, Steve Shafer
August 1995 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 1995 Symposium on Software reusability SSR '95**, Volume 20 Issue SI
Publisher: ACM Press

Full text available: pdf(1.08 MB) Additional Information: full citation, abstract, references, citings, index terms

ADAGE is a project to define and build a domain-specific software architecture (DSSA) environment for assisting the development of avionics software. A central concept of DSSA is the use of software system generators to implement component-based models of software synthesis in the target domain [SEI90].In this paper, we present the ADAGE component-based model (or reference architecture) for avionics software synthesis. We explain the modeling procedures used, review our initial g ...

6 Data base systems for small business: miracle or mirage?

Izak Benbasat, Robert C. Goldstein
July 1977 **ACM SIGMIS Database**, Volume 9 Issue 1
Publisher: ACM Press
Full text available: pdf(498.25 KB) Additional Information: full citation, abstract, references

A number of generalized data base management systems (DBMS) have recently been introduced that are designed to run on minicomputers. Since a DBMS is normally considered to be a very large, complex piece of software, the very existence of these programs represents an impressive accomplishment of software engineering. The purpose of this article is to analyze some implications of this development.

7 Establishing management objectives

Richard L. Nolan
October 1981 **ACM SIGMOD Record , ACM SIGMIS Database**, Volume 12 , 12,13 Issue 2 , 4,1
Publisher: ACM Press
Full text available: pdf(1.17 MB) Additional Information: full citation

8 An integrative framework for IS quality management

Antonis C. Stylianou, Ram L. Kumar
September 2000 **Communications of the ACM**, Volume 43 Issue 9

Publisher: ACM Press
Full text available: pdf(174.29 KB) html(33.14 KB) Additional Information: full citation, references, citings, index terms, review

9 Converging end-user and corporate computing
Leon A. Kappelman, John P. Thompson, Ephraim R. McLean
December 1993 **Communications of the ACM**, Volume 36 Issue 12
Publisher: ACM Press
Full text available: pdf(5.89 MB) Additional Information: full citation, references, citings, index terms

Keywords: corporate systems management, end-user computing (EUC), information technology (IT) management, office automation, personal computing, plans and policies, user support, user-developed applications

10 Verification, validation and accreditation: Planning for verification, validation, and accreditation of modeling and simulation applications
Osman Balci, William F. Ormsby, John T. Carr, Said D. Saadi
December 2000 **Proceedings of the 32nd conference on Winter simulation WSC '00**
Publisher: Society for Computer Simulation International
Full text available: pdf(272.15 KB) Additional Information: full citation, abstract, references, citings

A comprehensive and detailed verification, validation, and accreditation (VV&A) plan and its proper execution are crucially important for the successful accreditation of a modeling and simulation (M&S) application. We provide guidance in developing and executing such a plan throughout the entire M&S application development life cycle.

11 Energy-aware adaptation for mobile applications
Jason Flinn, M. Satyanarayanan
December 1999 **ACM SIGOPS Operating Systems Review , Proceedings of the seventeenth ACM symposium on Operating systems principles SOSP '99**, Volume 33 Issue 5
Publisher: ACM Press
Full text available: pdf(1.68 MB) Additional Information: full citation, abstract, references, citings, index terms

In this paper, we demonstrate that a collaborative relationship between the operating system and applications can be used to meet user-specified goals for battery duration. We first show how applications can dynamically modify their behavior to conserve energy. We then show how the Linux operating system can guide such adaptation to yield a battery-life of desired duration. By monitoring energy supply and demand, it is able to select the correct tradeoff between energy conservation and applicati ...

Results 1 - 11 of 11

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player